

VERTICALLY ENGAGEABLE CARRIER FOOT

Abstract

An arrangement for securing a load carrier to a transporting vehicle that includes an anchor mechanism adapted for securement to a transporting vehicle and for releasable engagement with a carrier foot. The carrier foot has a latching mechanism for releasable engagement with the anchor mechanism. The latching mechanism is adapted for latching engagement to, and disengagement from the anchor mechanism by movement of the carrier foot in a direction substantially perpendicular to a longitudinal axis of the carrier foot. An example of such movement is vertical movement substantially of an up and down nature. The latching mechanism has a latching and an unlatching configuration and the latching mechanism is urged toward the latching configuration by a resilient biasing mechanism. The latching mechanism is adapted to move from the latching configuration to the unlatching configuration and back to the latching configuration under the influence of the resilient biasing mechanism and responsive to the carrier foot being positioned into latching engagement upon the anchor

mechanism. An example of the resilient biasing mechanism is a spring that yields from a latching configuration to an unlatching configuration of that spring as the latching mechanism moves from its latching configuration to its unlatching configuration.